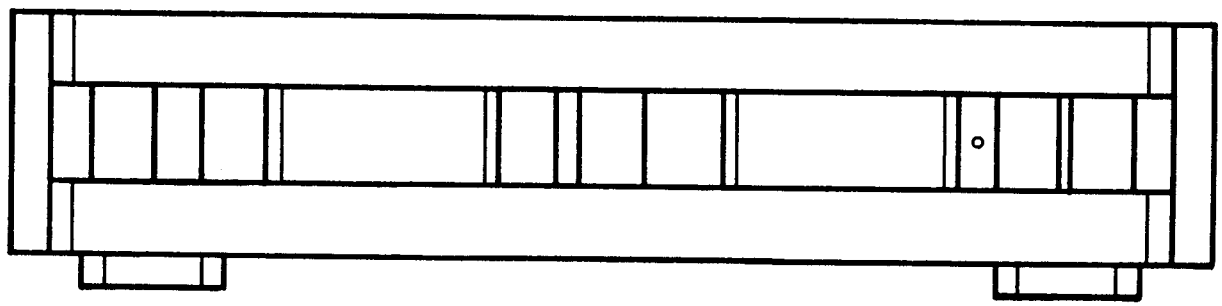
REVOX

H 2 CD-Player

GESAMTSCHALTBILD
COMPLETE CIRCUIT DIAGRAM
SCHÉMA GÉNÉRAL



Handling MOS components

MOS components are extremely sensitive to static charges. Please observe therefore the following regulations:

1. Components sensitive to static charges are stored and shipped in protective package. On the packages you find the subsequent symbol.

2. Avoid any contact of connector pins with foam packages and -foils made of styropor or similar chargeable package material.
3. Don't touch the connector pins when your wrist is not grounded with a conducting wristlet.
4. Use a grounded conducting mat when working with sensitive components.
5. Never plug or unplug PCBs containing sensitive components when the machine is switched on.

Subject to change
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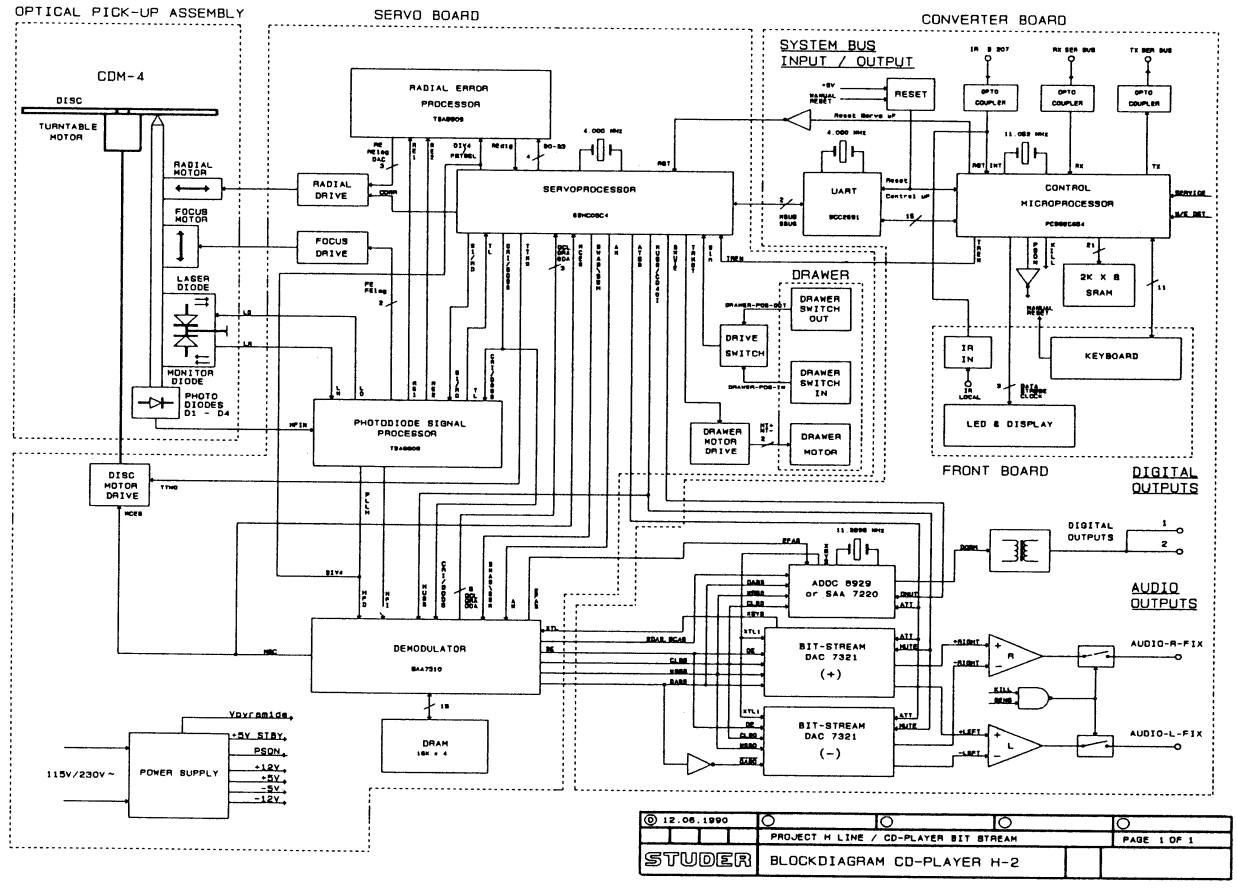
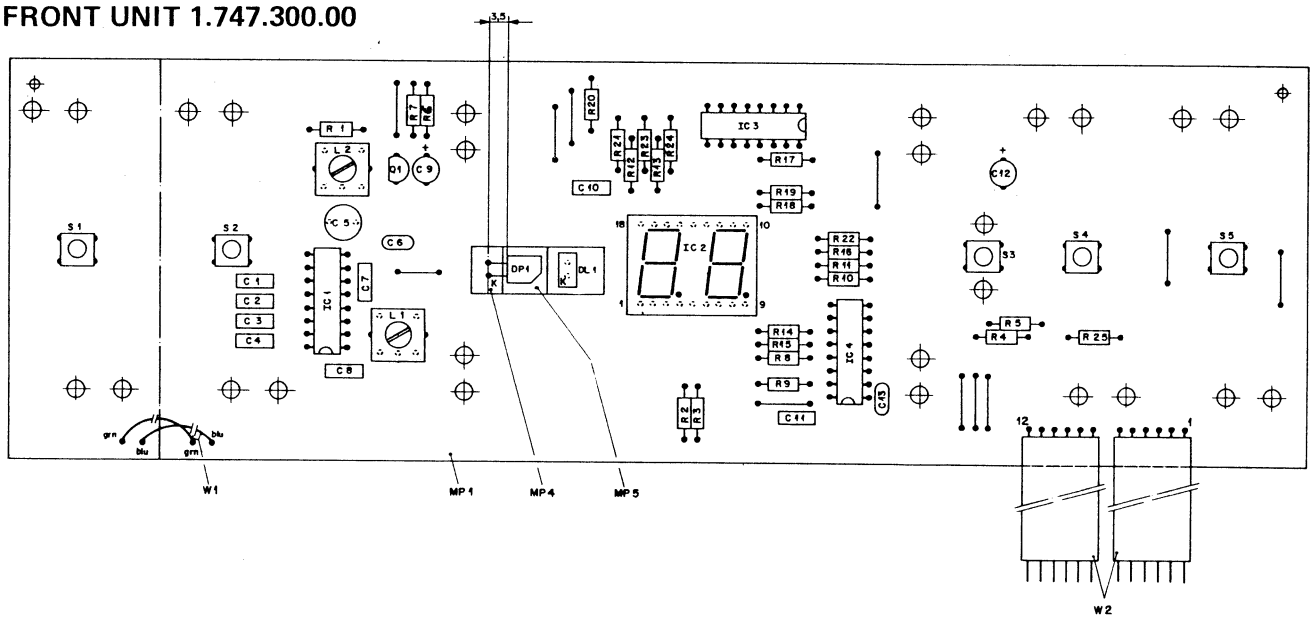
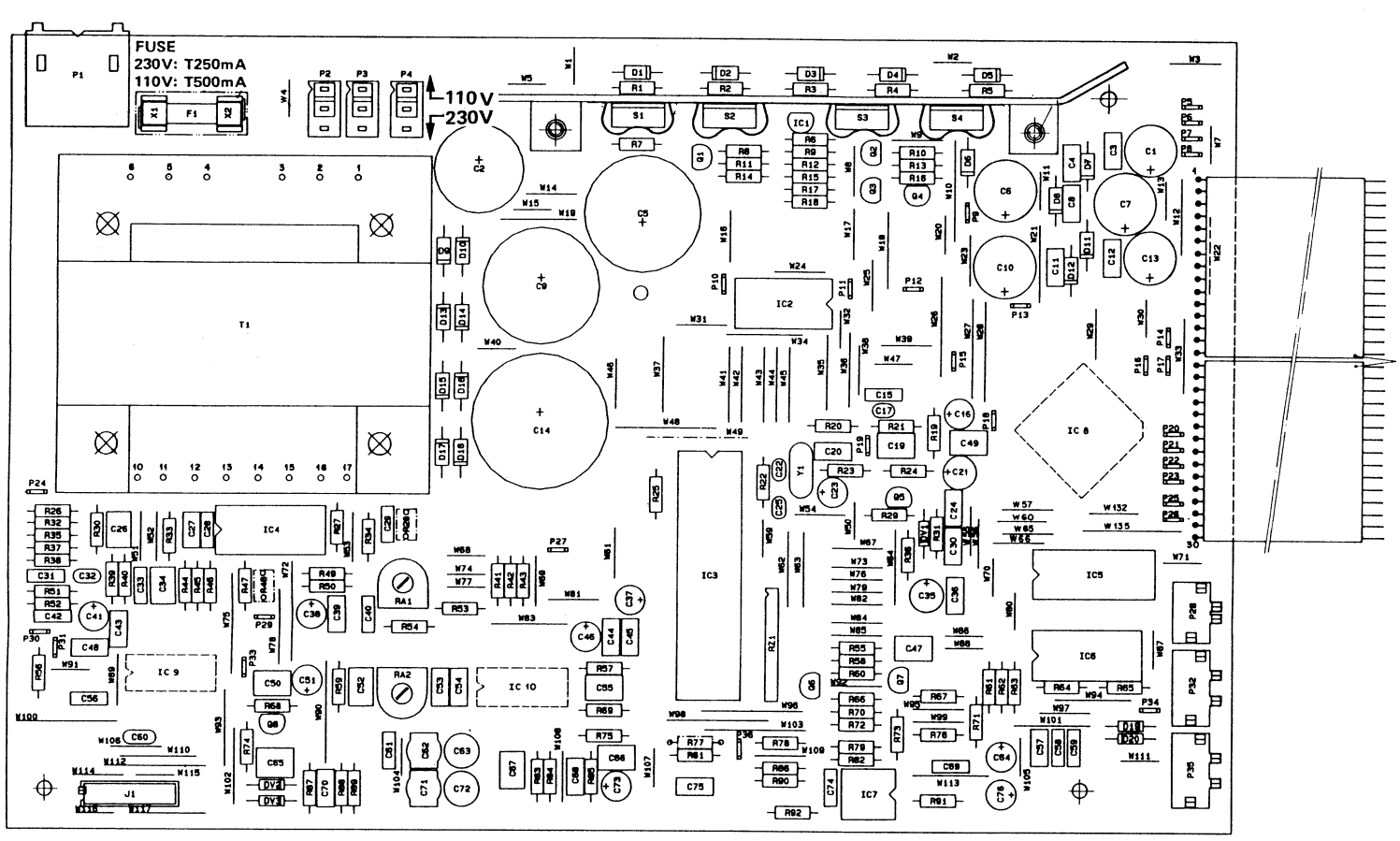

OPTICAL PICK-UP ASSEMBLY
SERVO BOARD
CONVERTER BOARD
CDM-4
DISC
TURNTABLE MOTOR
RADIAL MOTOR
FOCUS MOTOR
LASER DIODE
MONITOR DIODE
PHOTO DIODES D1 - D4
RADIAL ERROR PROCESSOR
RADIAL DRIVE
FOCUS DRIVE
SERVOPROCESSOR
PHOTODIODE SIGNAL PROCESSOR
DISC MOTOR DRIVE
DEMODULATOR
DRAM
POWER SUPPLY
115V/230V~
SYSTEM BUS INPUT / OUTPUT
RESET
UART
CONTROL MICROPROCESSOR
2K X 8 SRAM
DRAWER
DRIVE SWITCH
DRAWER SWITCH OUT
DRAWER SWITCH IN
DRAWER MOTOR
DRAWER MOTOR DRIVE
IR IN
KEYBOARD
LED & DISPLAY
FRONT BOARD
DIGITAL OUTPUTS
ADOC 8929 or SAA 7220
BIT-STREAM DAC 7321 (+)
BIT-STREAM DAC 7321 (-)
AUDIO OUTPUTS
AUDIO-R-FIX
AUDIO-L-FIX
12.06.1990
PROJECT H LINE / CD-PLAYER BIT STREAM
PAGE 1 OF 1
STUDER
BLOCKDIAGRAM CD-PLAYER H-2

FRONT UNIT 1.747.300.00

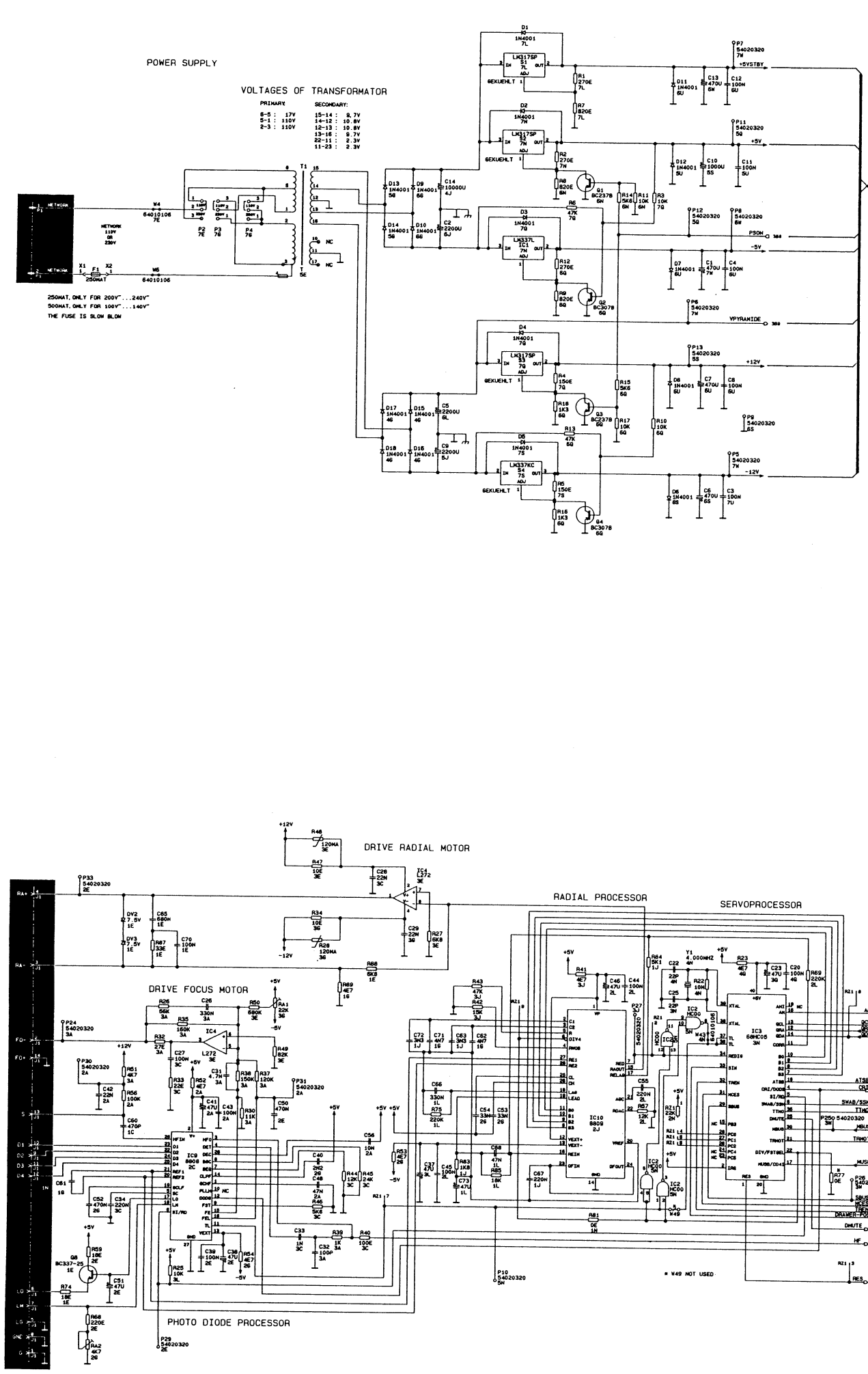


SERVO BOARD 1.747.210.21



CONVERTER BOARD 1.747.230.20

SERVO BOARD 1.747.210.21



DEMODULATOR

DRIVE DRAWER MOTOR

DETECTION DRAWER POSITION (DRIVE SWITCH)

IR INPUT AND SERIAL BUS

DIN CONNECTOR
1 : IRD
2 : 0V-EXTERN
3 : TXD
4 : +5V-EXTERN
5 : RXD
6 : V-PYRAMIDE
7 : 0V-INTERN
8 : NC

SERVO BOARD CONNECTOR

KEYBOARD CONNECTOR 12 POL

RESET

MEMORY MAP OF CONTROL uP

RAM 2k * 8	:	800...FFFH
LATCH OUTPUT	:	1000H
BUFFER INPUT KEY	:	1000H
BUFFER INPUT SW	:	2000H
UART	:	4000H
EPROM 32k * 8	:	0000...7FFFH

RADIAL PROCESSOR

SERVOPROCESSOR

* W49 NOT USED

POWER SUPPLY, DRIVE-DISC-MOTOR

CONVERTER BOARD 1.747.230.20

DIG FILTER & BIT-STREAM DAC/AUDIO AMP/DIGITAL & AUDIO OUTPUTS

CONTROL MICROPROCESSOR

ADRESS DECODER

INPUT PORT

CONTROL MICROPROCESSOR

FRONT UNIT 1.747.300.00